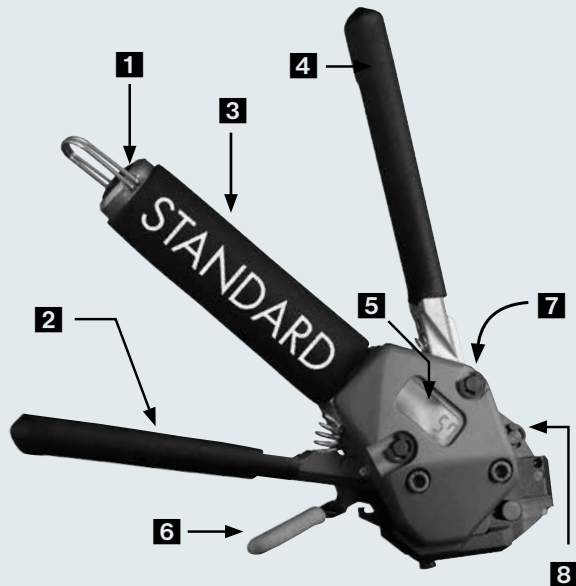


Band-Master™ ATS

Shield Termination Assembly Process



1 Calibration Access Plug

2 Tensioning Lever:

Squeeze with short gentle strokes to tighten band to the proper tension. Lever will lock to **3 Handle** with final full stroke.

4 Cut-Off Lever:

Squeeze to lock band buckle and trim excess band material.

5 Cycle Counter

6 Band Insertion and Release Lever:

Depress lever to insert or release band from tool.

7 Serial Number

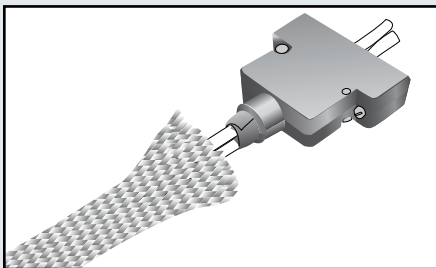
8 Tension Release Lever

NOTES:

1. Use only genuine Band-Master™ ATS bands. Other manufacturer's bands may damage tool.
2. Use only .240" wide bands with 601-100 tool and .120" wide bands with 601-101 tool.

Video Training Series At:

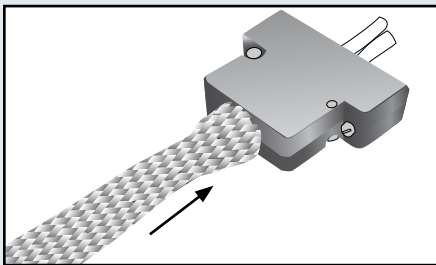
<http://www.glenair.com/bandmaster/index.htm>



Step 1

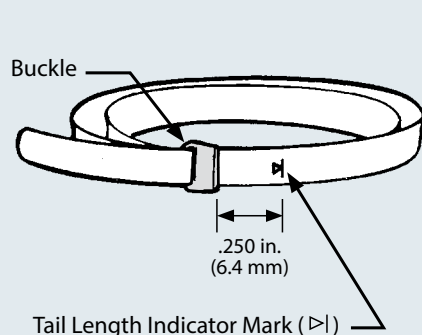
Prepare Cable Braid for termination process

NOTE: Complete banding on an unfixtured cable assembly. Terminating a band to a clamped or fixtured cable will affect the applied forces and interfere with the cut-off operation. The cut-off operation causes a rotation of the band termination in order to lock the band.



Step 2

Push braid forward over banding platform. Milk braid as required to remove slack and ensure a snug fit around the shield termination area.



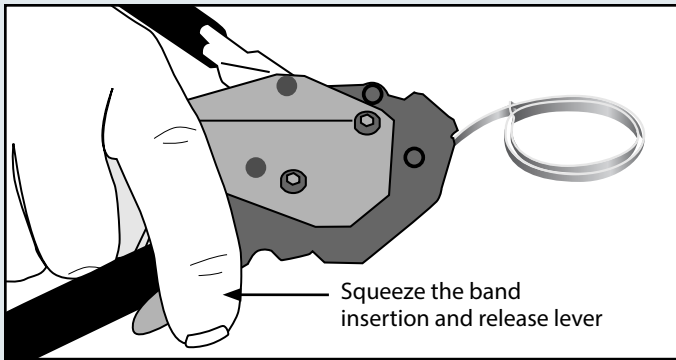
Step 3

Double-wrap the band prior to use:

NOTE: Due to connector/adaptor circumference, it may be necessary to double-coil the band in place around the cable or termination area.

A. Loop/insert the leading edge of band through the buckle slot twice. (Bands *must* be double-wrapped.)

B. Tighten the coil until the indicator mark (▷|) is approximately .250 inches (6.4) shy of the buckle slot (see illustration at left). This will ensure sufficient band tail length for insertion into tool.



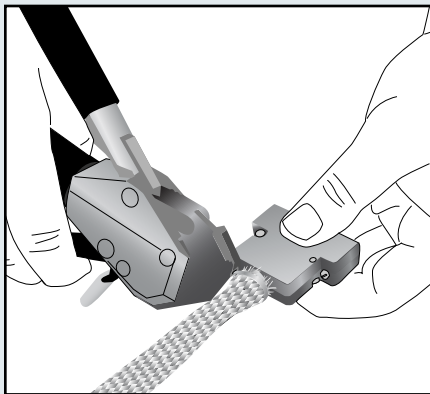
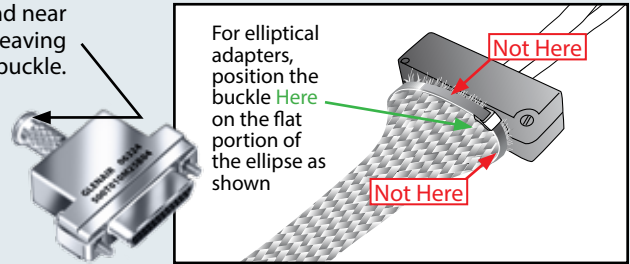
Step 4

Depress the band insertion and release lever (6), and insert the working end of the band into the front end opening of the tool, with the loop positioned outward as shown.

Step 5

The band termination area on all backshells is wider than the band. Position the band near the rear lip of the banding platform, allowing room for the buckle. For elliptical cable entries position the buckle off center of the peak of the circle. Failure to follow these guidelines will result in poor performance.

Position the band near the rear lip leaving room for buckle.



Step 6

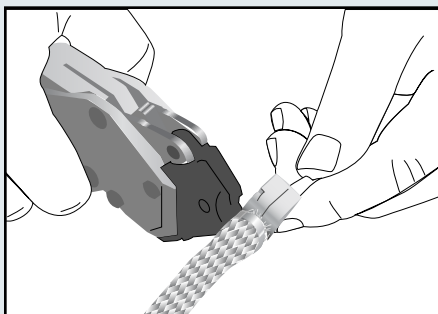
Contract the band with the tensioning lever (2) using short, even strokes. As the band contracts firmly on the termination area, pull a full stroke to lock the lever against the main tool handle which will indicate the band is compressed to the proper tension.

NOTE: *Overly rapid tightening of the band may result in uneven compression. If alignment of the band and shield is unsatisfactory, tension can be relaxed by pulling up on the tensioning lever (2) and then pushing the tension release lever (8) forward. Make adjustments as necessary and finish tightening with tensioning lever (2) as described above.*

Step 7

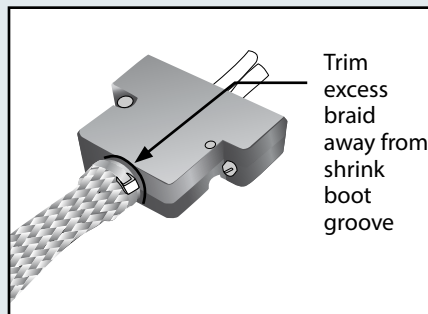
Complete the clamping process by depressing the cut-off lever (4), allowing band and cable to rotate slightly. Pull up the release lever (6) to remove excess band for disposal.

NOTE: *Always band on an unfixtured connector/cable assembly.*



Step 8

Trim away excess braid from the forward groove, particularly if a shrink boot is to be applied to the assembly.



Step 9

Visually inspect shield termination for problems.

NOTE: *Band can be removed by lifting the buckle with a screwdriver or diagonal cutters.*

